# INTERNATIONAL SEARCH REPORT

Ir tional Application No PCT/IL2004/000677

		PC1/1L2004	+/0006//
IPC 7	FICATION OF SUBJECT MATTER A61C8/00 A61C13/00 A61C13/3	0 A61C5/10	
According to	o International Patent Classification (IPC) or to both national classifica	ation and IPC	
	SEARCHED		
1PC /	ocumentation searched (classification system followed by classification A61C		
Documental	lon searched other than minimum documentation to the extent that so	uch documents are included in the fields se	arched
	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	
EPO-In	ternal, WPI Data		
	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with Indication, where appropriate, of the rela	evant passages	Relevant to claim No.
X	US 4 758 161 A (NIZNICK GERALD A) 19 July 1988 (1988-07-19) column 1, lines 25-38 column 2, lines 10-22 column 3, lines 31-51; figure 1		37-40,50
X	US 5 695 334 A (FERNANDES AMERICO 9 December 1997 (1997-12-09) column 2, lines 38-54 column 3, lines 28-35 column 4, lines 53-64 column 6, lines 24-53; figures 1-	•	37-39,50
X	US 5 178 539 A (PELTIER GUY ET A 12 January 1993 (1993-01-12) column 2, lines 53-55 column 3, lines 5-14,31-43; figur		37,38, 40,50
X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.
'A' docume consider to earlier filing of the citation of the course of the citation of the cit	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but han the priority date claimed	<ul> <li>'T' later document published after the integer or priority date and not in conflict with cited to understand the principle or the invention</li> <li>'X' document of particular relevance; the cannot be considered novel or cannot invotve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or modernts, such combination being obvion the art.</li> <li>'&amp;' document member of the same patent</li> </ul>	the application but sony underlying the statement invention be considered to current is taken alone claimed invention ventive step when the one other such docuus to a person skilled
	actual completion of the international search	Date of mailing of the international sea	rch report
	7 October 2004	04/11/2004	
right did	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Roche, O	

#### INTERNATIONAL SEARCH REPORT

Int I tional Application No
PCI/IL2004/000677

ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PC1/IL2004/000677
Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 6 358 052 B1 (LUSTIG L PAUL ET AL) 19 March 2002 (2002-03-19) column 2, lines 39-58 column 6, line 40 - column 7, line 49 column 8, lines 42-48; figures 36-44	37-39,50
US 5 662 475 A (MENA RAUL R) 2 September 1997 (1997-09-02) column 3, lines 12-17; figures 1,2A	37,38, 40,50
	·
	Citation of document, with indication, where appropriate, of the relevant passages  US 6 358 052 B1 (LUSTIG L PAUL ET AL) 19 March 2002 (2002-03-19) column 2, lines 39-58 column 6, line 40 - column 7, line 49 column 8, lines 42-48; figures 36-44  US 5 662 475 A (MENA RAUL R) 2 September 1997 (1997-09-02) column 3, lines 12-17; figures 1,2A

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Claims Nos.: 1-18,22,26,27,28,35,36

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery

Continuation of Box II.2

Claims Nos.: 1-36

The present application contains a large number of claims (36 method claims including 9 independent claims and 14 product claims including 4 independent claims), moreover some of the independent claims (1,2,35) relates to a method for forming an abutment while some others (19,23,30) claim a method for forming a dental prosthesis and are interrelated to the first ones by using the wording "that may be...fitted to an abutment...according to...claims...". Some of the independent method claims (1,2 and 35) also contain too often the term "or" between the different step methods so that the subjects of said claims relate to an extremely large number of possible methods. For the above reasons, it is difficult, if not impossible, to determine the matter for which the protection is sought and therefore the present application fails to comply with the clarity and conciseness requirements of Article 6 PCT (see also Rule 6.1(a) PCT) to such an extent that a meaningful search is impossible.

Some of the claims also relate to methods for treatment of the human or animal body by surgery, such subject will not be searched by the international searching authority according to Rule 39.1(iv) PCT: In claim 1 see passage "...positioning...prosthesis in the patient jaw..."

In claims 2,35 see passage "...attaching to the dental implant..." (which is inserted in the patient?s jaw)
In claims 22 and 26 see passage "...fitting into the patient's mouth..."

Consequently, the search has been carried out for those parts of the application which do appear to be clear (and concise), namely: a method for forming an abutment for interfacing a dental prosthesis to a duplicate dental implant inserted into a model of the patient jaw, the method comprising:

removably and reproducibly attaching to the duplicate implant an intra-implant element that is bonded to an intra-crown element via a resilient bonding material so as to form a deformable connection between the intra-crown element and the intra-implant element:

adjusting the intra-crown element relative to the intra-implant element so as to form a model that is properly adjusted to the duplicate implant and is properly positioned to receive a dental prosthesis; removing the model abutment from the duplicate implant without

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

deforming the model abutment; and using the model abutment to form a permanent abutment.

The documents relevant for this method have been listed under claim 37 in the search report.

Product claims 38,40 and 41 have been understood and searched in the light of the above reasoning.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

∍mational application No. PCT/IL2004/000677

#### INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 1-18, 22, 26, 27, 28, 35, 36 because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. X Claims Nos.: 1-36 because they relate to parts of the International Application that do not comply with the prescribed requirements to such
an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple Inventions in this International application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report Is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

#### INTERNATIONAL SEARCH REPORT

Information on patent family members

In: Ional Application No PCT/IL2004/000677

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4758161	Α	19-07-1988	US	RE33796	E	14-01-1992
US 5695334	A	09-12-1997	NONE			
US 5178539	Α	12-01-1993	FR CA DE EP WO JP	69026079 0457874	A1 D1	14-06-1991 13-06-1991 25-04-1996 27-11-1991 27-06-1991 02-07-1992
US 6358052	B1	19-03-2002	AU WO US US	6077100 0105326 2002127518 2003148246	A1 A1	05-02-2001 25-01-2001 12-09-2002 07-08-2003
US 5662475	Α	02-09-1997	AU WO	2584997 9732535	A A1	22-09-1997 12-09-1997